



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 78 38 79

Classification of the application (IPC):

C23C 28/00, B32B 15/08, G02B 5/00, C23C 18/32, C23C 20/08, B32B 3/30,
C23C 18/12, F24S 70/25, C23C 18/16, C23C 18/18

Technical fields searched (IPC):

C23C, F24S

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 4396643 A (KUEHN ROBERT D ET AL) 02 August 1983 (1983-08-02)	1-3, 5, 6, 8-11
Y	* column 2, line 11 - column 3, line 16; figures 1, 4, 5; examples 7, 10 * * column 3, lines 35-39 * * column 3, line 61 - column 5, line 6 *	14
X	JP 2013019574 A (MURATA MANUFACTURING CO) 31 January 2013 (2013-01-31)	1, 2, 4, 6-9, 12, 13, 15-18
Y	* paragraph [0011]; figures 1-9, 11 * * paragraph [0038] - paragraph [0043] *	14

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 18 October 2022	Examiner Telias, Gabriela
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CATEGORY OF CITED DOCUMENTS

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|---|--|
| X: particularly relevant if taken alone | P: intermediate document |
| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention |
| A: technological background | E: earlier patent document, but published on, or after the filing date |
| O: non-written disclosure | D: document cited in the application |
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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 18-10-2022
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 4396643	A	02-08-1983	EP	0068776 A1	05-01-1983
			JP	S586365 A	13-01-1983
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